

# FD/HD 90














230 V / 50 Hz

## SELF-CONTAINED ICE CUBE MACHINE

### FEATURES CARACTERÍSTICAS

- ▶ **PRODUCE FULL DICE ICE CUBES OR HALF DICE ICE CUBES**  
PRODUCE CUBITOS DE DADO Y MEDIO DADO
- ▶ **STIF: STRONG INOX FRAME. SOLID MACHINE STRUCTURE IN 4 COLUMNS WITH AISI 304 STAINLESS STEEL FRAME**  
STIF: STRONG INOX FRAME. MÁQUINA CON SÓLIDA ESTRUCTURA DE 4 COLUMNAS Y CARROCEÍA EN ACERO INOXIDABLE AISI 304.
- ▶ **STRONGEST DOOR IN THE MARKET. MADE OF STAINLESS STEEL. OPENING AND DAMPING SYSTEM PATENTED BY ITV.**  
PUERTA MÁS SÓLIDA EN EL MERCADO. HECHA DE ACERO INOXIDABLE. SISTEMA DE APERTURA Y AMORTIGUACIÓN PATENTADO POR ITV.
- ▶ **FRONT VENTILATION CONCEPT: FRONTAL IN-OUT AIR SYSTEM ALLOWS 'BUILT IN' MACHINES**  
CONCEPTO FRONT VENTILATION: VENTILACIÓN FRONTAL IN-OUT QUE PERMITE LA INSTALACIÓN ENCASTRADA DE LA MÁQUINA
- ▶ **CLEANING SWITCH: ALLOWS CIRCULATION OF WATER WITH DESCALING PRODUCT (CALKLIN OR SIMILAR) WITHOUT COOLING.**  
BOTÓN DE LIMPIEZA: PERMITE RECIRCULAR EL AGUA CON EL DESINCRUSTANTE (CALKLIN O SIMILAR) SIN REFRIGERACIÓN
- ▶ **"NEVER STOP" MOTOR PUMP DEVELOPED BY ITV. PUMP WITHOUT SEALS, WHICH AVOIDS DETERIORATION IN HARD WATER**  
BOMBA "NEVER STOP" DESARROLLADA POR ITV. BOMBA SIN RETENES QUE EVITA SU DETERIORO EN AGUAS DURAS
- ▶ **EASI: EASY ACCESS FOR SERVICE & INSTALLATION. ALL PANELS CAN BE DISASSEMBLED SEPARATELY.**  
EASY ACCESS FOR SERVICE & INSTALLATION. FÁCIL ACCESO A CUALQUIER PUNTO YA QUE TODOS LOS PANELES PUEDEN SER DESMONTADOS DE FORMA INDEPENDIENTE.
- ▶ **ON/OFF LIGHTED ROCKER SWITCH IN FRONT PANEL**  
INTERRUPTOR LUMINOSO DE FUNCIONAMIENTO ON/OFF EN EL PANEL FRONTAL
- ▶ **TROPICALIZED MACHINES (T CLASS) / HEIGHT ADJUSTABLE LEGS FROM 105MM TO 155MM**  
MÁQUINAS TROPICALIZADAS (CLASE T) / PATAS DE ALTURA AJUSTABLE DE 105MM A 155MM



	 24 H	 10°C (Kg)	 10°C (Kg)	 21°C (Kg)	 15°C (Kg)	 STOCK (Kg)	 (mm)	 (mm)	
FD/HD 90 A		95	84	35	Width 660	Width 745	 <b>FD/HD 6'5cc</b> 23 mm (W) x 11 mm (D) x 26 mm (H) Average dimensions Dimensiones promedio		
FD/HD 90 W		96	85		Depth 700	Depth 770		 <b>FD/HD 13cc</b> 26 mm (W) x 23 mm (D) x 26 mm (H) Average dimensions Dimensiones promedio	
					Height 838*	Height 970			

\* WITH LEGS 943/993 CON PATAS 943/993

### ACCESSORIES ACCESORIOS

#### INCLUDED



**WATER INLET HOSE**  
MANGUERA DE ENTRADA DE AGUA



**WATER OUTLET HOSE**  
MANGUERA DE DESAGÜE



**4 HEIGHT ADJUSTABLE LEG KIT**  
KIT 4 PATAS ALTURA REGULABLE



**WATER INLET FILTER GASKET**  
JUNTA DE FILTRO DE ENTRADA DE AGUA



**MEDIUM SCOOP**  
PALA MEDIANA

#### NOT INCLUDED (OPTIONAL)



**ANTI-LIMESCALE FILTER**  
FILTRO ANTICAL



**PARTICLE FILTER**  
FILTRO ANTIPARTÍCULAS



**ANTI-CHLORINE FILTER**  
FILTRO ANTICLORO



**ANTI-LIMESCALE + ANTI-CHLORINE FILTER CS101**  
FILTRO ANTICAL + ANTICLORO CS101



**C4 WATER SOFTENER**  
DESCALCIFICADOR C4



**CALKLIN 50 CLEANER**  
PRODUCTO ANTICAL

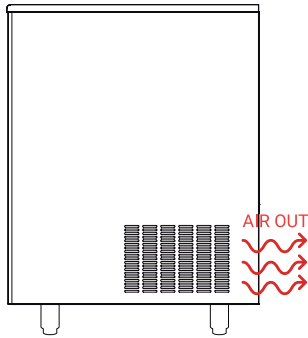


**4 WHEELS KIT**  
KIT 4 RUEDAS

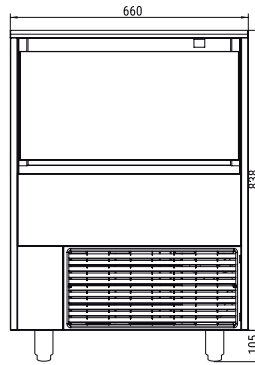
# TECHNICAL SCHEME ESQUEMA TÉCNICO

FD/HD 90

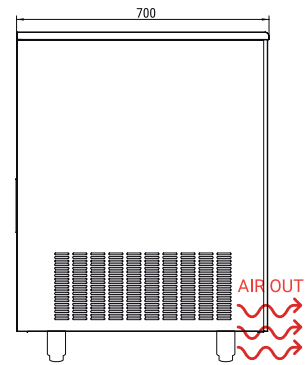
**RIGHT SIDE VIEW**  
VISTA LATERAL DERECHA



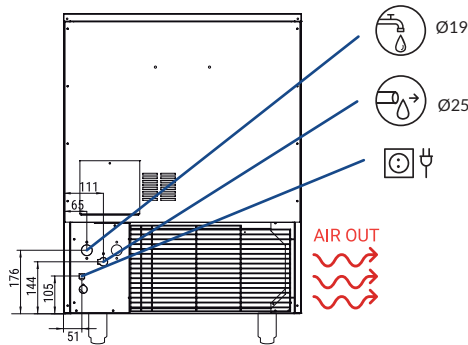
**FRONTAL VIEW**  
VISTA FRONTAL



**LEFT SIDE VIEW**  
VISTA LATERAL IZQUIERDA



**REAR VIEW**  
VISTA TRASERA



\* All measurements in mm.  
\* Todas las cotas en mm.

## OPERATING CONDITIONS CONDICIONES DE OPERACIÓN

PRODUCTION 50Hz PRODUCCIÓN 50 Hz

±10% V

5°C/43°C

5°C/35°C

1 bar/6 bar

120/240 Ice cubes/cycle

R 452 A		
V	Hz	ph
230	50	1N

		FD/HD 90 AIR COOLED			
		10°	15°	21°	30°
		50°	60°	70°	86°
10°	50°	95	90	87	82
	21°	90	84	81	77
32°	90°	75	70	66	62
	43°	72	59	55	50
109°					

		FD/HD 90 WATER COOLED			
		10°	15°	21°	30°
		50°	60°	70°	86°
10°	50°	96	90	87	82
	21°	90	85	81	81
32°	90°	75	70	69	68
	43°	72	62	61	55
109°					

## MODELS MODELOS

FD/HD 90 A

FD/HD 90 W

	+c° -c°	ASHRAE CONDITIONS CONDICIONES ASHRAE	(W)	(BTU/h)	(W) 43°C	(n.)	(mm <sup>2</sup> )	FUSE	100 Kg (Kwh)	(l/h) FULL   HALF	HEAT REJECTED (W)	(BTU/h)	(Kg)	(Kg)	(m <sup>3</sup> )
FD/HD 90 A			245	836	550	2	1,5	10	17	11   11	-	-	68	81	0,56
FD/HD 90 W			245	836	580	2	1,5	10	13	45   45	-	-	68	81	0,56



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Subject to certain limitations  
and exclusions. Only spare parts.  
Sujeto a limitaciones y exclusiones.  
Solo piezas de repuesto.



VERTICAL SYSTEM  
SISTEMA VERTICAL